

Claims

1. In a voice recognition system, an apparatus comprising:
 - 2 a front end processing unit, for processing voice data for said voice
recognition system, configured for receiving different configuration files at
4 different times; and
a microprocessor configured for providing said front end
6 configuration files on a communication link at said different times.
2. The apparatus as recited in claim 1, wherein said communication
2 link is a wireless communication link.
3. The apparatus as recited in claim 1, wherein said front end
2 processing unit is a digital signal processor.
4. The apparatus as recited in claim 1, wherein said front end
2 processing unit is programmable for programming said different configuration
files at said different times.
5. The apparatus as recited in claim 1 further comprising:
 - 2 a communication network for hosting said microprocessor and for
communicating on said communication link, wherein said voice recognition
4 system is configured for operating in accordance with a distributed voice
recognition system.

6. The apparatus as recited in claim 1, wherein said voice
2 recognition system is configured for operating in accordance with a co-located
voice recognition system.

7. A digital signal processing unit configured for operating in a voice
2 recognition system and for performing front end voice recognition processing,
said digital signal processing unit comprising:

4 a programmable front end processing portion for processing voice
data for said voice recognition system, receiving different configuration files at
6 different times via a communication link and programming said different
configuration files in said programmable front end processing portion at said
8 different times.

8. The digital signal processing unit as recited in claim 7, wherein
2 said programmable front end processing portion is programmed to perform in
accordance with one of said configuration files.

9. The digital signal processing unit as recited in claim 7, wherein
2 said programmable front end processing portion is further configured for
receiving voice data and extracting front end features of said voice data in
4 accordance with one of said programmed configuration files.

10. The digital signal processing unit as recited in claim 7, wherein
2 said communication link is a wireless communication link.

11. A remote station configured for performing voice recognition in a
2 communication system, said remote unit comprising:

a programmable front end processing portion for processing voice
4 data for said voice recognition, receiving different configuration files at different
times via a communication link from a microprocessor and programming said
6 different configuration files in said programmable front end processing portion at
said different times.

12. The remote unit as recited in claim 11, wherein said
2 communication link is configured for communication with a network hosting said
microprocessor, wherein said voice recognition is performed in accordance with
4 a distributed voice recognition system.

13. The remote unit as recited in claim 11, wherein said voice
2 recognition is performed in accordance with a co-located voice recognition
system.

14. The remote unit as recited in claim 11, wherein said
2 communication link is a wireless communication link.

15. In a voice recognition system, a method comprising:
2 receiving different configuration files at different times for a front end
processing unit for processing voice data in said voice recognition system;
4 communicating said front end configuration files via a
communication link for configuring said front end processing unit;

6 providing said front end configuration files on said communication
link at said different times by a microprocessor.

16. The method as recited in claim 15, wherein said communicating
2 via said communication link is in accordance with a wireless communication.

17. The method as recited in claim 15, wherein said front end
2 processing unit is a digital signal processor.

18. The method as recited in claim 15 further comprising:
2 programming said different configuration files at said different
times in said front end processing unit

19. The method as recited in claim 15 further comprising:
2 hosting said microprocessor in a communication network, wherein
said voice recognition system is operating in accordance with a distributed voice
4 recognition system.

20. The method as recited in claim 15, wherein said voice recognition
2 system is operating in accordance with a co-located voice recognition system.